

# Suction Pressure Roll Double Doctor with Airset™ B Doctor Holders

**Challenge** A tissue mill with a 154"-wide machine running 4,500 fpm with a single doctor and Accumate™ doctor blade holder and catch pan was not effectively dewatering the suction pressure roll.

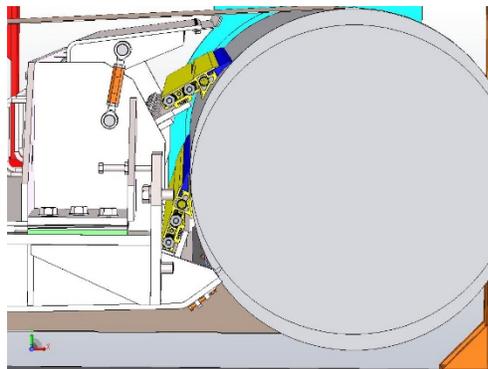
**Solution** Kadant provided the mill with a double doctor with an Airset B blade holder in both positions, rather than just the primary position, to increase the effectiveness of the double doctor. The mill had previously had success installing Kadant conventional SPR double doctors on its other three machines

**Results** The installation of a double doctor with Airset B holders in both positions increased solids by at least 2% across all grades. The increase was proven by post pressure roll grab samples taken by Enerquin.

The mill will continue to run trials with the air flow to optimize the performance and gain more benefits.

## Highlights

- Double doctor with Airset B blade holder technology increased sheet solids.
- Double doctor with Airset B technology improved dewatering of the suction pressure roll.
- Double doctor available with tee-rail removal system.
- Installation of a double doctor improves moisture profile.



*Double Doctor with Airset B blade Holder Technology*